

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/511,341
Source: PST
Date Processed by STIC: 10-27-04

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/511,341

TIME: 10:57:15

Input Set : A:\1480.txt

Output Set: N:\CRF4\10272004\J511341.raw

3 <110> APPLICANT: Kyowa Hakko Kogyo Co., Ltd.
 5 <120> TITLE OF INVENTION: Endocrine cell lines and use thereof
 7 <130> FILE REFERENCE: 1480
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/511,341
 C--> 9 <141> CURRENT FILING DATE: 2004-10-15
 9 <150> PRIOR APPLICATION NUMBER: JP 2002-113030
 10 <151> PRIOR FILING DATE: 2002-04-16
 12 <160> NUMBER OF SEQ ID NOS: 198
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 24
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Artificial
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Inventor: Sasaki, Katsutoshi; Miura, Kazumi; Saeki, Satoshi;
 23 Inventor: Yoshizawa, Misako; Kishimoto, Kazuya;
 24 Inventor: Kunitomo, Hirofumi; Nishi, Tatsunari; Obinata, Masuo
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: synthetic DNA
 29 <400> SEQUENCE: 1
 30 atgaagtggc ttagaatccc ttcg 24
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 21
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: synthetic DNA
 41 <400> SEQUENCE: 2
 42 atatcactga ttctgcatgc t 21
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 23
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: synthetic DNA
 53 <400> SEQUENCE: 3
 54 gttgattccc agcctcaggc atc 23
 57 <210> SEQ ID NO: 4
 58 <211> LENGTH: 23
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: synthetic DNA

(ps.6)

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65 <400> SEQUENCE: 4
66 tgaggaacga gctgcagcaa cgg                                23
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 23
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: synthetic DNA
77 <400> SEQUENCE: 5
78 gatgccccat tttcacagca aag                                23
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 23
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: synthetic DNA
89 <400> SEQUENCE: 6
90 gttctcccaa acctttgggg cag                                23
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 25
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial
98 <220> FEATURE:
99 <223> OTHER INFORMATION: synthetic DNA
101 <400> SEQUENCE: 7
102 ctgagctcca gacaccatga acctt                                25
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 23
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial
110 <220> FEATURE:
111 <223> OTHER INFORMATION: synthetic DNA
113 <400> SEQUENCE: 8
114 ttaccgttgg cctgaaggag gcg                                23
117 <210> SEQ ID NO: 9
118 <211> LENGTH: 23
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: synthetic DNA
125 <400> SEQUENCE: 9
126 caggacctca ccacggaaag caa                                23
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 21
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial
134 <220> FEATURE:
135 <223> OTHER INFORMATION: synthetic DNA
137 <400> SEQUENCE: 10

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138	ggggcgctctg gctcttctcg g	21
141	<210> SEQ ID NO: 11	
142	<211> LENGTH: 22	
143	<212> TYPE: DNA	
144	<213> ORGANISM: Artificial	
146	<220> FEATURE:	
147	<223> OTHER INFORMATION: synthetic DNA	
149	<400> SEQUENCE: 11	
150	ggtacccctc caagccggac aa	22
153	<210> SEQ ID NO: 12	
154	<211> LENGTH: 26	
155	<212> TYPE: DNA	
156	<213> ORGANISM: Artificial	
158	<220> FEATURE:	
159	<223> OTHER INFORMATION: synthetic DNA	
161	<400> SEQUENCE: 12	
162	gcaagtttca ttccccatca ccacat	26
165	<210> SEQ ID NO: 13	
166	<211> LENGTH: 22	
167	<212> TYPE: DNA	
168	<213> ORGANISM: Artificial	
170	<220> FEATURE:	
171	<223> OTHER INFORMATION: synthetic DNA	
173	<400> SEQUENCE: 13	
174	ctgctgtgct gctgctactg ct	22
177	<210> SEQ ID NO: 14	
178	<211> LENGTH: 23	
179	<212> TYPE: DNA	
180	<213> ORGANISM: Artificial	
182	<220> FEATURE:	
183	<223> OTHER INFORMATION: synthetic DNA	
185	<400> SEQUENCE: 14	
186	caaacctctg gggctgaaac aag	23
189	<210> SEQ ID NO: 15	
190	<211> LENGTH: 22	
191	<212> TYPE: DNA	
192	<213> ORGANISM: Artificial	
194	<220> FEATURE:	
195	<223> OTHER INFORMATION: synthetic DNA	
197	<400> SEQUENCE: 15	
198	ctccgcctgg ggaacctcaa ca	22
201	<210> SEQ ID NO: 16	
202	<211> LENGTH: 24	
203	<212> TYPE: DNA	
204	<213> ORGANISM: Artificial	
206	<220> FEATURE:	
207	<223> OTHER INFORMATION: synthetic DNA	
209	<400> SEQUENCE: 16	
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215 <212> TYPE: DNA
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218 <220> FEATURE:
219 <223> OTHER INFORMATION: synthetic DNA
221 <400> SEQUENCE: 17
222 aaaaggaggagg aggaggaaaa agaca 25
225 <210> SEQ ID NO: 18
226 <211> LENGTH: 24
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial
230 <220> FEATURE:
231 <223> OTHER INFORMATION: synthetic DNA
233 <400> SEQUENCE: 18
234 aggggaacagg atagggaata cagg 24
237 <210> SEQ ID NO: 19
238 <211> LENGTH: 22
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial
242 <220> FEATURE:
243 <223> OTHER INFORMATION: synthetic DNA
245 <400> SEQUENCE: 19
246 cccagagcac cagaaagccc ag 22
249 <210> SEQ ID NO: 20
250 <211> LENGTH: 22
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial
254 <220> FEATURE:
255 <223> OTHER INFORMATION: synthetic DNA
257 <400> SEQUENCE: 20
258 ggcgccctctt tgacctcttc cc 22
261 <210> SEQ ID NO: 21
262 <211> LENGTH: 24
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial
266 <220> FEATURE:
267 <223> OTHER INFORMATION: synthetic DNA
269 <400> SEQUENCE: 21
270 gaccacaaag aacacaggct ccaa 24
273 <210> SEQ ID NO: 22
274 <211> LENGTH: 24
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial
278 <220> FEATURE:
279 <223> OTHER INFORMATION: synthetic DNA
281 <400> SEQUENCE: 22
282 caggtatcag acttgccaac aggg 24
285 <210> SEQ ID NO: 23

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286 <211> LENGTH: 24
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial
290 <220> FEATURE:
291 <223> OTHER INFORMATION: synthetic DNA
293 <400> SEQUENCE: 23
294 catctactct gccgtggatg atgc 24
297 <210> SEQ ID NO: 24
298 <211> LENGTH: 23
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial
302 <220> FEATURE:
303 <223> OTHER INFORMATION: synthetic DNA
305 <400> SEQUENCE: 24
306 gttcctcggg gacagtcaca cag 23
309 <210> SEQ ID NO: 25
310 <211> LENGTH: 24
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial
314 <220> FEATURE:
315 <223> OTHER INFORMATION: synthetic DNA
317 <400> SEQUENCE: 25
318 ccagcatcca tggcatcaag ttcc 24
321 <210> SEQ ID NO: 26
322 <211> LENGTH: 25
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial
326 <220> FEATURE:
327 <223> OTHER INFORMATION: synthetic DNA
329 <400> SEQUENCE: 26
330 gaggaccaag acaaacagca tcttg 25
333 <210> SEQ ID NO: 27
334 <211> LENGTH: 23
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial
338 <220> FEATURE:
339 <223> OTHER INFORMATION: synthetic DNA
341 <400> SEQUENCE: 27
342 tgacggcgat ggtgacgagc gcc 23
345 <210> SEQ ID NO: 28
346 <211> LENGTH: 23
347 <212> TYPE: DNA
348 <213> ORGANISM: Artificial
350 <220> FEATURE:
351 <223> OTHER INFORMATION: synthetic DNA
353 <400> SEQUENCE: 28
354 cagcctccca acagcagttg gcc 23
357 <210> SEQ ID NO: 29
358 <211> LENGTH: 24

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/511,341

DATE: 10/27/2004
TIME: 10:57:16

Input Set : A:\1480.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:151; N Pos. 8,9
Seq#:152; N Pos. 11,12
Seq#:153; N Pos. 11,12
Seq#:154; N Pos. 11,12
Seq#:155; N Pos. 11,12
Seq#:156; N Pos. 11,12
Seq#:157; N Pos. 11,12
Seq#:158; N Pos. 11,12
Seq#:159; N Pos. 11,12
Seq#:160; N Pos. 11,12
Seq#:161; N Pos. 12,13
Seq#:162; N Pos. 12,13
Seq#:163; N Pos. 11,12
Seq#:164; N Pos. 11,12
Seq#:165; N Pos. 12,13
Seq#:166; N Pos. 11,12
Seq#:167; N Pos. 11,12
Seq#:168; N Pos. 11,12
Seq#:169; N Pos. 12,13
Seq#:170; N Pos. 12,13

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75
Seq#:76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99
Seq#:100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117
Seq#:118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135
Seq#:136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153
Seq#:154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171
Seq#:172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189
Seq#:190,191,192,193,194,195,196,197,198

VERIFICATION SUMMARY

DATE: 10/27/2004

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Input Set : A:\1480.txt

Output Set: N:\CRF4\10272004\J511341.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:0
L:1854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:0
L:1872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0
L:1890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0
L:1908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0
L:1926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:0
L:1944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:0
L:1962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:0
L:1980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159 after pos.:0
L:1998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:0
L:2016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:161 after pos.:0
L:2034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:162 after pos.:0
L:2052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:0
L:2070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:164 after pos.:0
L:2088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:0
L:2106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
L:2124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167 after pos.:0
L:2142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168 after pos.:0
L:2160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169 after pos.:0
L:2178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:0